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**From:** Wilson, Jennifer [wilson.jenniferA@epa.gov]  
**Sent:** 6/15/2018 12:21:42 AM  
**To:** Maraldo, Dean [Maraldo.Dean@epa.gov]; Burdett, Cheryl [burdett.cheryl@epa.gov]  
**Subject:** RE: CSD UNL/Hach Nitrate-N Maps

Hi Dean,

Thank you for sending this. I appreciate it.

I am off tomorrow, but I am guessing we will be working on this next week.

Have a good night,  
Jenny

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**From:** Maraldo, Dean  
**Sent:** Thursday, June 14, 2018 3:02 PM  
**To:** Wilson, Jennifer <wilson.jenniferA@epa.gov>  
**Cc:** Burdett, Cheryl <burdett.cheryl@epa.gov>  
**Subject:** Re: CSD UNL/Hach Nitrate-N Maps

here you go...plus maps.

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Dean Maraldo  
Water Enforcement & Compliance Assurance Branch  
U.S. EPA - Region 5  
77 West Jackson Blvd. (WC-15J)  
Chicago, Illinois 60604  
ph: (312) 353-2098  
fax: (312) 385-5394  
e-mail: [maraldo.dean@epa.gov](mailto:maraldo.dean@epa.gov)  
<http://www.epa.gov/enforcement/>

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**From:** Wilson, Jennifer  
**Sent:** Thursday, June 14, 2018 2:52 PM  
**To:** Maraldo, Dean; Mikalian, Charles; Burdett, Cheryl; Bahr, Ryan; Kuefler, Patrick  
**Cc:** Atkinson, Benjamin; Rogers, Joan; Hodaj, Andi  
**Subject:** RE: CSD UNL/Hach Nitrate-N Maps

Hi Dean,

Thank you for making these maps. They are really helpful.

Do you know when we will be receiving the <sup>15</sup>N results from the University of Nebraska?

Thank you,  
Jenny

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**From:** Maraldo, Dean

**Sent:** Wednesday, June 13, 2018 9:15 PM

**To:** Mikalian, Charles <[mikalian.charles@epa.gov](mailto:mikalian.charles@epa.gov)>; Burdett, Cheryl <[burdett.cheryl@epa.gov](mailto:burdett.cheryl@epa.gov)>; Bahr, Ryan <[bahr.ryan@epa.gov](mailto:bahr.ryan@epa.gov)>; Kuefler, Patrick <[kuefler.patrick@epa.gov](mailto:kuefler.patrick@epa.gov)>

**Cc:** Wilson, Jennifer <[wilson.jenniferA@epa.gov](mailto:wilson.jenniferA@epa.gov)>; Atkinson, Benjamin <[atkinson.ben@epa.gov](mailto:atkinson.ben@epa.gov)>; Rogers, Joan <[rogers.joan@epa.gov](mailto:rogers.joan@epa.gov)>; Hodaj, Andi <[hodaj.andi@epa.gov](mailto:hodaj.andi@epa.gov)>

**Subject:** CSD UNL/Hach Nitrate-N Maps

All: here are the maps for shallow and deep Nitrate-N based on University of Nebraska lab results. Also attaching the Hach Field Nitrate results for shallow and deep samples. If you compare the two data sets you will see that the field strips performed very well, 0.8 correlation coefficient.